



技術と共に向上する

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P00006001A(E)

BARRELPROCESS OIL P SERIES

(Synthetic paraffin hydrocarbon)

Barrel Process Oil P series are excellent as a plasticizer for resins and synthetic rubbers, as well as blending oil for paints, inks, etc. These are highly refined synthetic paraffinic hydrocarbons available in a variety of viscosity grades from low to high viscosity.

1. Features

- (1) For affinity (compatibility) for resin and rubber is good, giving plasticity in small amounts.
- (2) Due to its excellent thermal stability, there is little color change due to thermal deterioration.
- (3) Due to its excellent electrical properties, it can be used for applications that require insulation.

2. Typical properties

項目		P-6	P-18	P-26	P-46	P-56	P-150	P-380	P-1500	P-2200	P-10000	P-37500
Density 15°C	g/cm ³	0.800	0.820	0.826	0.833	0.830	0.833	0.838	0.843	0.846	0.850	0.852
Aniline Point	°C	100<	100<	100<	100<	100<	100<	100<	100<	100<	100<	100<
Flash Point (COC)	°C	160	218	232	246	248	248	248	280	300	302	306
Pour Point	°C	-65.0	-65.0	-60.0	-55.0	-52.5	-50.0	-40.0	-32.5	-30.0	-15.0	-5.0
Kinematic Viscosity mm ² /s	100°C	1.70	4.00	5.50	7.80	10.0	20.0	40.0	100	150	600	2,000
	40°C	5.20	18.0	28.5	47.0	60.0	155	380	1,300	2,200	10,000	37,500
Viscosity Index		---	120	132	135	150	150	156	165	175	240	300
Acid Number	mgKOH/g	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Color(ASTM)		L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5

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